

**Sandra-Ann Y.H. Wong**  
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PUBLIC UTILITIES  
COMMISSION

April 8, 2009

Hawaii Public Utilities Commission  
465 South King Street, First Floor  
Kekuanaoa Building  
Honolulu, Hawaii 96813

Re: Docket No. 2008-0273: In the Matter of the Public Utilities Commission Instituting a Proceeding to Investigate the Implementation of Feed-in Tariffs.

Dear Chairman Caliboso:

Pursuant to your request, please find enclosed the curriculum vitae of Mr. Lee Jakeway and me who will be the witnesses/experts for Alexander & Baldwin, Inc. through its division, Hawaiian Commercial & Sugar Company in the above-referenced docket.

Very truly yours,



Sandra-Ann Y.H. Wong  
Sandra-Ann Y.H. Wong AAL, ALC

enclosures

c: Service List to Docket 2008-0273

(2 hand delivered copies to Consumer Advocate; all others electronically.)

## Lee A. Jakeway, P.E.

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**Expertise:** Experience has been primarily in the Hawaiian sugar industry, which is recognized as a world leader in cogeneration from sugarcane bagasse. Specific experience is in biomass recovery and pre-processing operations with evaluation of biomass-derived energy and industrial products. Registered Professional Engineer, Agricultural Branch, State of Hawaii.

**Education:**

B.S. Agricultural Engineering, Michigan State University, 1975

M.S. Agricultural Engineering, University of Hawaii, 1977

**Experience:**

2005-Present **Director, Energy Development & Planning, Hawaiian Commercial & Sugar Co., Puunene, Hawaii.** Work duties include enhancing current energy production activities through technology or efficiency improvements and developing strategic energy initiatives that can be implemented into future company business operations. Energy initiatives include biofuels production and alternative biomass resource development.

1999-2005 **Project Engineer & Irrigation Superintendent, Hawaiian Commercial & Sugar Co., Puunene, Hawaii.** Responsibilities included maintaining the integrity of the power production system that produces steam and electricity for internal operational needs and for excess power sales to the local utility. Later duties included coordinating the movement of surface and pumped water to meet the irrigation needs of sugarcane.

1996-1999 **Program Officer, Renewable Energy and the Environment Program, Biomass Energy Systems and Technology Project, Winrock International Institute for Agricultural Development, Washington, D.C.** Responsible for program management and project analysis focused on bioenergy development, and for management of an international network dedicated to promoting energy products from sugarcane. Work occurred in the countries of Brazil, Guatemala, Indonesia, India, and the Philippines.

1994-1995 **Department Head, Sugar Technology Department, Experiment Station, Hawaiian Sugar Planters' Association, Aiea, Hawaii.** Managed, coordinated, and led the research extension programs in the Hawaiian sugar industry for sugar factory operations, energy systems, sugarcane byproduct development, and diversified agriculture activities of the department. Managed department staff, and cooperated in various capacities with other research departments of the Experiment Station in interdepartmental research programs.

1980-1994 **Assistant/Associate Agricultural Engineer, Experiment Station, Hawaiian Sugar Planters' Association, Aiea, HI.** Responsibilities included evaluating sugar factory processes, monitoring energy production via cogeneration,



developing sugarcane byproducts, and applying mechanization to field activities for both sugarcane and diversified tropical crops. All project work required reporting research findings to member companies or to outside funding agencies. Training courses were conducted for member sugar companies and outside agencies requesting training for other world sugar industries. Consulting work was performed for outside agencies during this time.

**1979-1980      Research Fellow, East-West Center, Honolulu, HI.** Responsible for engineering design, construction, and operation of an alternative fertilizer production system meant to be used in developing countries. Small amounts of nitrate fertilizers were produced utilizing wind, solar, and hydropower renewable energy to operate the process.

**Consultancies:**

**USAID/Winrock International, 1999.** International consulting performed in the People's Republic of China. Work focused on investigating the application of advanced bagasse cogeneration technology in the Chinese sugar industry.

**USAID/Winrock International, 1989-1992.** International consulting performed in countries of Jamaica, Thailand, Philippines, Costa Rica, and Egypt. Work was focused towards implementing cane residue biomass recovery operations in sugar industries located in these countries.

**Energy Resources International, Manila, Philippines, March-June 1992.** Off-season fueling from cane residue for one sugar factory.

**Hawaii Natural Energy Institute, Honolulu, Hawaii, 1993 and 1995.** Grass and tree harvest and delivery cost study for biomass-based energy projects.

**Alternative Energy Development, Inc., Hawaii, 1995.** Helped host a delegation from India interested in the Hawaiian sugar industry experience in cogeneration from bagasse.

**Reports and Publications:**

Jakeway, L.A., Turn, S.Q., Keffer, V.I., and Kinoshita, C.M. 2006. Plantwide energy assessment of a sugarcane farming and processing facility. DOE Award No. DE-FC36-03ID14454.

Jakeway, L.A., Turn, S.Q., Kinoshita, C.M., Jenkins, B.M., Williams, R.B., and Blevins, L.G. 2004. Closed-loop biomass co-firing – pilot-scale and full-scale test results. DOE Cooperative Agreement No. DE-FC36-99GO10479.

Jakeway, L.A. 2002. Demonstration of fiber cane recovery for boiler fuel. Bioenergy 2002. Boise, Idaho, September 22-26, 2002.

Jakeway, L.A., Turn, S.Q., Jenkins, B.M., Baxter, L.L., Blevins, L.G., and Wu B.C. 2001. Fiber cane for closed-loop biomass/coal co-firing. 2001 Joint International Combustion Symposium, Kauai, Hawaii, September 9-12, 2001.

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### **EXPERIENCE**

**Sandra-Ann Y.H. Wong, Attorney at Law, A Law Corporation** (Honolulu, Hawaii)(4/00 to present) Private Law Practice concentrating in the areas of Public Utilities & Regulatory and Governmental Affairs. In Public Utilities & Regulatory practice, represent clients' interests before the Hawaii State Public Utilities Commission and other Federal, State, and County regulatory agencies, and provide legal advice with respect to all aspects of clients' business activities. In Governmental Affairs practice represent local and national companies before the Hawaii State Legislature to establish effective legislative, governmental and public affairs strategies. Have done limited trial work in Hawaii State courts. Also have served as an arbitrator for the Hawaii Labor Relations Board and a Hearings Officer for the Hawaii Board of Land and Natural Resources.

**In-House Counsel for Waimana Enterprises, Inc. and its subsidiaries Sandwich Isles Communications, Inc. and Kawaihae Cogeneration Partners** (Honolulu, Hawaii)(6/92 to 6/00). Responsible for all legal, employment, regulatory, permitting, and legislative matters for a native Hawaiian rural telephone company and a native Hawaiian independent power producer before the State and Federal Courts, Federal Communications Commission, Hawaii Public Utilities Commission, Rural Utilities Service, Federal Energy Regulatory Commission, Environmental Protection Agency, State Board of Land and Natural Resources, and State Department of Health.

**Attorney, Carlsmith Ball Wichman Case Mukai & Ichiki** (Honolulu, Hawaii)(9/90 to 5/92) Specializing in Employment and Labor law for both large and small businesses in the State of Hawaii, Guam, and Saipan before the State and Federal Courts, National Labor Relations Board, Hawaii State Civil Rights Commission, Equal Employment Opportunity Commission, and Arbitrations.

**Law Clerk to the Honorable Frank D. Padgett, Hawaii State Supreme Court** (Honolulu, Hawaii)(8/89 to 9/90) Legal Research and Writing for a Supreme Court Justice on Civil and Criminal cases before the Court.

**Matsubara, Lee, & Kotake** (Honolulu, Hawaii)(12/88 to 8/89) Specializing in motions work in the area of insurance defense and employment law.



**Special Assistant to the Honorable Daniel K. Inouye, United States Senate**  
(Washington, D.C.)(1/83 to 1/87) Constituent, Legislative, and Political Affairs for a  
United States Senator.

**EDUCATION**

**Juris Doctor, Georgetown University Law Center, Washington, D.C., Class of '88.**

**Bachelors of Art - English, University of Massachusetts at Amherst, Amherst,  
Massachusetts, Class of '82.**

**University of Hawaii at Manoa, 1978-1980.**

**James Campbell High School, Ewa Beach, Hawaii, Class of '78**